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## ㉑ 実用新案登録請求の範囲

- (1) マットの内部に水流通路を設け、該水流通路内に障壁部を設けた水マット。  
 (2) 該マットは熱可塑性プラスチックからなり、該障壁部は該マットの表層と裏層とを接着することによつて形成される「実用新案登録請求の範囲(1)」に記載の水マット。  
 (3) 該水マットは空気マット上に載置される実用新案登録請求の範囲(1)」に記載の水マット。

## 図面の簡単な説明

第1図および第2図は従来例を示すものであ

り、第1図は斜視図、第2図は斜めに載置した状態の側面図、第3図〜第5図は本考案の一実施例を示すものであり、第3図は平面図、第4図はA-A部分断面図、第5図は空気マット上に載置した状態の側面図、第6図は他の実施例の部分平面図、第7図は更に他の実施例の部分平面図、第8図は更に他の実施例のマット切欠部分斜視図、第9図は更に他の実施例のマット切欠部分斜視図である。

図中、11…マット本体、11C…水流通路、14、14A…障壁部、16…空気マット。

第 1 図

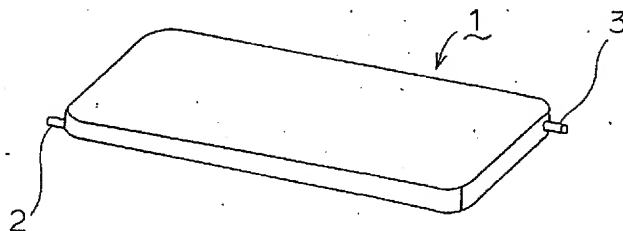


図 2

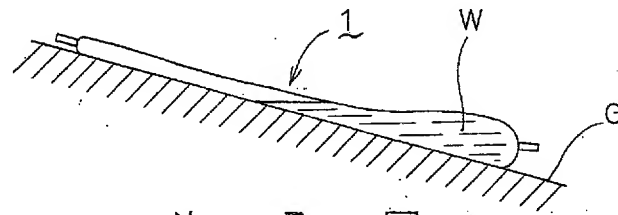


図 3

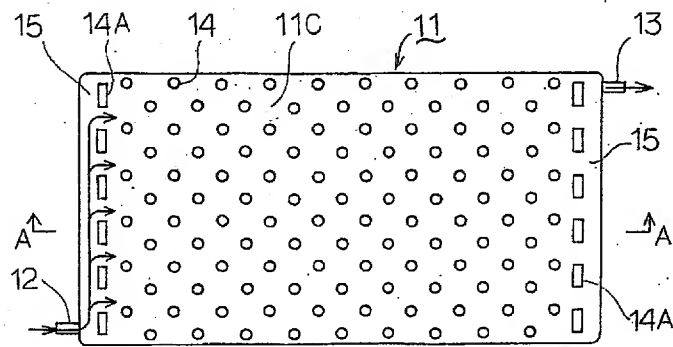


図 4

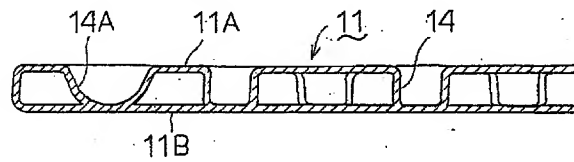


図 5

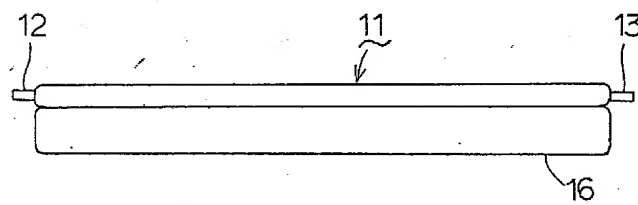


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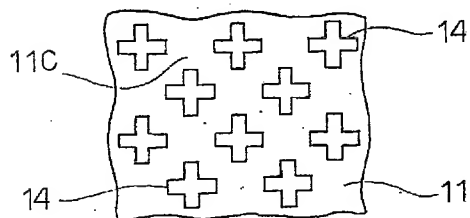


図 7

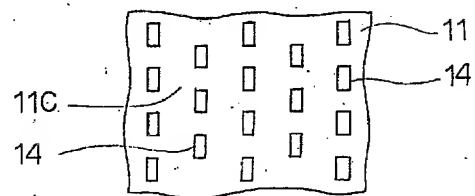


図 8

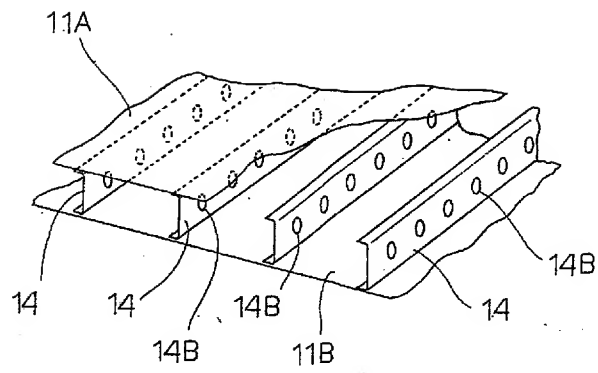
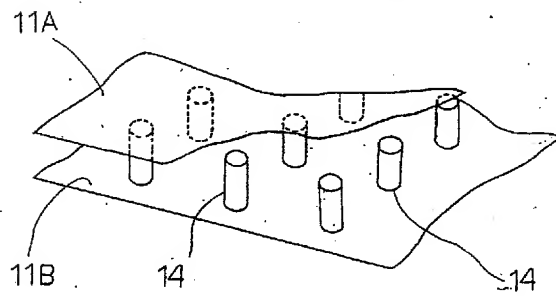


図 9



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ABSTRACT

Because this bulletin is application data before electronic application, data of an abstract are

not recorded.

#### CLAIM FOR THE UTILITY MODEL REGISTRATION

(1)

A current passageway is established in the inside of mat, the water mat which provided a wall part in the current passageway.

(2)

Water mat as claimed in one claim of utility model (1) that the wall part is formed from thermoplasticity plastic as for the mat by adhesively bonding the outer layer and the back stratum of the mat.

(3)

Water mat as claimed in claim of utility model (1) that the water mat is put on an aircushion.

#### DETAILED DESCRIPTION OF THE INVENTION

The present invention sends warm water or Hiyamizu to the inside of mat, and the human body is warmed or water mat to cool is related to.

It is a thing of the constitution that provided an inlet (2), another end with debouchure (3), and this kind of mat can enter one end of the main body (1) soft plastic or bag comprising rubber-shaped as shown in FIG. 1 at the inlet (2) with warm water or cold water in the main body (1), and main body m warming it is cooled, but when it is put on sloping aspect G as shown in FIG. 2, it is unbalanced in water W of the main body (1) inside by gravity downward, the warming that is internal equality or cooling becomes impossible and thickness of mat becomes heterogeneous.

The present invention does that a wall department is set up with a thing for the purpose of solving the problems in a current passageway of the mat inside with the main point.

Because the present invention has the constitution, as for the water flowing in a current passageway of the mat inside, is dispersed uniformly in the mat inside by a wall, a feeling of use improves markedly warming of mat, cooling are performed uniformly and and thickness becomes uniform, too.

If present invention FIG. 3 is ground during explanation by one embodiment shown in the following, the main body (11) of mat is a thing of form of bag which formed current passageway (11) C from Hori ethylene, polypropylene, polyvinyl chloride, polyvinylidene chloride, polyester, a polyamide, plastic such as polyurethane, acrylonitrile - butadiene rubber, styrene - butadiene rubber, rubber such as natural rubbers inside, and an inlet (12) and debouchure (13) are installed on a diagonal, outer layer (11) A and class of backs (11) B are bonded more at a predetermined point, and wall region (14) is installed in current passageway (11) C a lot.

In addition, both ends relationship of the main body (11) is provided with a lot of rectangular wall part (14) A, and paths of water distribution (15) are formed in the main body (11).

Warm water or Hiyamizu is poured in the constitution by an inlet (12), is distributed between

the crosswise direction of the main body (11) as shown in an arrow uniformly by water distribution road (15), subsequently current passageway (11) C is flowed into as shown in an arrow, while is dispersed in every direction by wall region (14), it is spread out in current passageway (11) C uniformly, after scolding, it is resembled, and is exhausted by debouchure (13).

Thus, it makes mat (11) slant, and current passageway (11) C is in a condition to be hard to be unbalanced in water by spacing effect of a wall part (14) and current resistance.

Or outer layer (11) A and back layer (11) B of the main body (11) are bonded with glue at an appointed point to produce water mat of the present invention or materials of the main body (11) provide with wall region (14) by a high frequency and a heat by a supersonic wave in the event of thermoplasticity plastic.

Water mat (11) of the present invention is spread in the direct ground and bed side, and it may be put on an aircushion (16) as shown in FIG. 5.

For this case, as for the water mat (11), fixation controlling glue and the adhesion by heat, magic tape and disassembly with a hook may be considered to be an aircushion (16).

The present invention is not limited by an above embodiment, for example, a wall part (14) may have FIG. 6 and form of cross as shown in FIG. 7 or form of - character arbitrary shape, the main body (11) inside may be provided with cylindrical wall region (14) as shown in wall region 04) of form of partition wall having interconnecting port (14) B or FIG. 9 as shown in FIG. 8 unless outer layer (11) A and class of backs (11) B of the main body (11) are bonded again.

But it is desirable a wall part (14) increases heap of walls region (14) aspect each other from an inlet (12) of the main body of mat (11) to a debouchure (13) direction as much as possible, and to prevent a tunnel phenomenon of a current and a bypass phenomenon.

#### BRIEF DESCRIPTION OF DRAWINGS

FIG. 1 and FIG. 2 show conventional embodiment, as for FIG. 1, perspective diagram, side elevation which is in a state which FIG. 2 put diagonally, FIG. 3 - FIG. 5 show one embodiment of the present invention, as for side elevation which is in a state, FIG. 6 that plane view, FIG. 4 put A-A fragmentary sectional view, FIG. 5 on on an aircushion as for FIG. 3, as for fragmentary plan view of other embodiment, FIG. 7, as for fragmentary plan view of other embodiment, FIG. 8, mat notch fragmentary perspective diagram of other embodiment, FIG. 9 are mat notch fragmentary perspective diagrams of other embodiment more more more.

Among figures

11 ... The main body of mat

11C ... current passageway

14.14A ... wall part

16... aircushions